

Abstract

A compact drive, spiroid gear unit, and method for manufacturing a drive unit that includes at least an electric 5 motor, a brake, a gear unit, and a frequency converter, the output shaft of the gear unit and the rotor shaft being positioned in parallel to each other, and the shaft-center distance being determined by at least one gear stage; the first gear stage including a first toothed member connected to 10 the rotor shaft, and a second toothed member, which engages with the first toothed member and is connected to an intermediate shaft, the brake, including at least a brake-rotor shaft, being integrated in the housing of the compact drive, the brake-rotor shaft being parallel to the rotor 15 shaft, and the brake-rotor shaft being connected to a toothed member, which engages with the second toothed member.